

# Converting Colors

Hex(7A6EB0)

Have a look what the booklet for  
Hex(7A6EB0) contains.

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# Color

**Hex(7A6EB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6EB0
RGB	122, 110, 176
RGB Percent	48%, 43%, 69%
CMY	0.5216, 0.5686, 0.3098
CMYK	0.31, 0.37, 0.00, 0.31
HSL	251°, 29%, 56%
HSV	251°, 37%, 69%
XYZ	21.4384, 18.4240, 43.5006
YIQ	121.1120, -14.0340, 23.0700

# Conversions

## Conversions Part 2

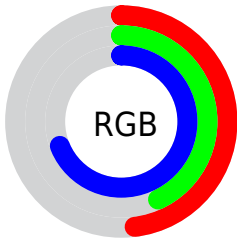
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 110, 176
Decimal	8023728
CIE <sub>Lab</sub>	50.01, 19.85, -33.50
CIE <sub>LCh</sub>	50, 38.937, 300.650
Yxy	18.4240, 0.2572, 0.2210
Android (android.graphics.Color)	4286213808 (0xFF7A6EB0)
YUV	121.1120, 27.0598, 0.7788
Hunter-Lab	42.9232, 14.0380, -30.0412

# Details

The Hex color **7A6EB0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A4B06E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B0A2E8**, and **473E7B** is the 20% darker color. If you saturate the color by 10%, you get **6C5CB0**, and if you desaturate by 10%, it is **8880B0**.

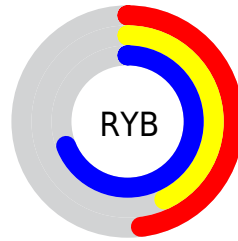
# Distribution



Red (48%)

Green (43%)

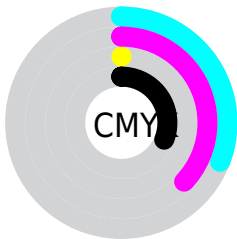
Blue (69%)



Red (48%)

Yellow (43%)

Blue (69%)

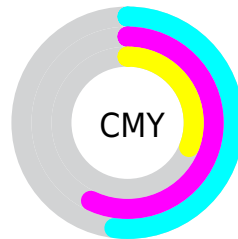


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (57%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6EB0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7A6EB0 by changing the saturation by 10% instead.



■ 7A6EB0

■ 7A6EB0

FFFFFF

■ 605695

■ B0A2E8

■ 473E7B

■ CCBDFE

■ 2E2862

■ E9D8FF

■ 13144A

■ FFF5FF

■ 010033

■ 00021D

■ 000000

■ 7A6EB0

■ 7A6EB0

■ 6C5CB0

■ 8880B0

5D4BB0

9791B0

4F39B0

A5A3B0

4028B0

B4B4B0

3216B0

C2C6B0

2404B0

D0D8B0

2000B0

DFE9B0

EDFBB0

FCFFB0

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3C7AB9



7A6EB0



A06298

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7A6EB0



A4693E



008877

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7A6EB0



A4B06E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3D8555



7A6EB0



8A7533

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7A6EB0



B35F57



687F3C



008798

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7A6EB0



AF5C83



687F3C



00876B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7A6EB0



D1CCE6



6EA5B0



676473



F2F2F2



737373



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7A6EB0



917EE6



9A6EB0



525059



1C0099



05001A



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B06EA4



E67ED3



84B06E



595058



99007D



1A0015



# Previews

## White Background



This preview shows how the Hex color 7A6EB0 looks on a white background.

## Color Contrast Check

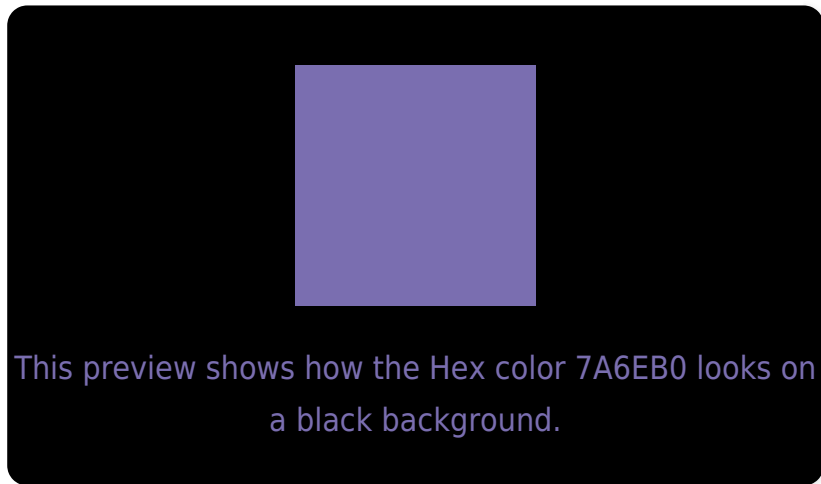
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

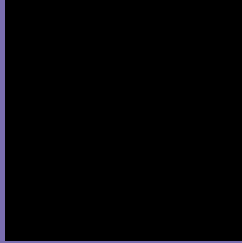
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A6EB0 Background



This preview shows how black text looks on a background with the Hex color 7A6EB0.



This preview shows how white text looks on a background with the Hex color 7A6EB0.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

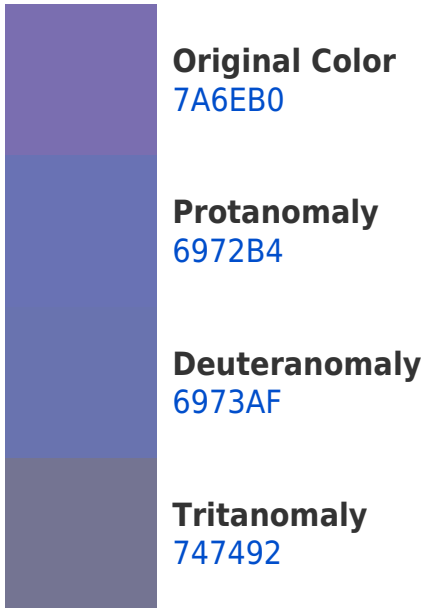
## Dichromacy



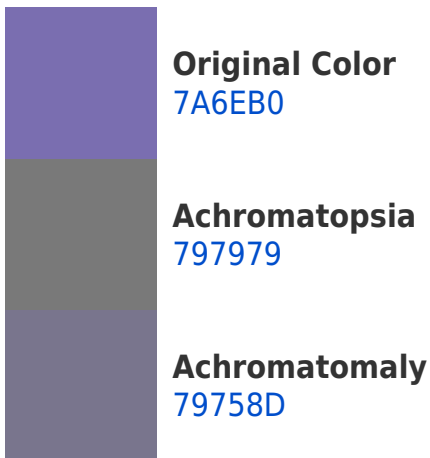


**Tritanopia**  
707881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6EB0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7A6EB0 looks like.

```
.text, #text, p{  
    color:#7A6EB0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7A6EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6EB0
}
```

## Border

The CSS property to change the border of an element to Hex 7A6EB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A6EB0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7A6EB0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7A6EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6EB0; -webkit-box-shadow:4px 4px  
4px 4px #7A6EB0; box-shadow:4px 4px 4px  
4px #7A6EB0 }
```

# Background

The CSS property to change the background color of an element to Hex 7A6EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6EB0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7A6EB0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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